

AUG 30 2006

PATENT
Atty. Dkt. No. WEAT/0344.P1

IN THE CLAIMS:

Please amend the claims as follows:

1. (Previously Presented) A method for preferentially directing a path of a casing to form a wellbore, comprising:
 - providing a second casing concentrically disposed within a first casing;
 - penetrating the first casing having an earth removal member operatively connected thereto into a formation to a first depth;
 - releasing a releasable attachment between the first and second casing; and
 - selectively altering a trajectory of the second casing while rotating the earth removal member as the second casing continues into the formation.
2. - 3. Cancelled.
4. (Currently Amended) The method of claim 1, further comprising diverting fluid flow to a passageway through the a motor system.
5. (Original) The method of claim 4, further comprising flowing a physically alterable bonding material through the passageway to the earth removal member.
6. - 21. Cancelled.
22. (Previously Presented) The method of claim 1, wherein the first casing comprises a biasing member to facilitate altering the trajectory of the wellbore.
23. (Previously Presented) The method of claim 22, wherein the biasing member includes a preferential jet for directing fluid flow asymmetrically through the first casing while jetting.

PATENT

Atty. Dkt. No. WEAT/0344.P1

24. (Previously Presented) The method of claim 22, wherein the biasing member includes a stabilizing member disposed proximate to a midpoint of the first casing.
25. (Currently Amended) The method of claim 22, further comprising diverting fluid flow to a passageway through the a motor system.
26. (Previously Presented) The method of claim 25, further comprising flowing a physically alterable bonding material through the passageway to the earth removal member.
27. (Previously Presented) The method of claim 1, further comprising providing a motor system releasably attached to an inner portion of the second casing, the motor system adapted to rotate the earth removal member.
28. (Previously Presented) The method of claim 27, further comprising providing a drilling fluid to the motor system.
29. (Previously Presented) The method of claim 28, further comprising diverting the drilling fluid to a passageway through the motor system.
30. (Previously Presented) The method of claim 27, further comprising:
drilling the second casing to a second depth; and
expanding the second casing.
31. (Previously Presented) The method of claim 30, wherein expanding the second casing is accomplished by retrieving the motor system from the second casing.
32. (Previously Presented) The method of claim 27, further comprising retrieving the motor system from the second casing.

PATENT

Atty. Dkt. No. WEAT/0344.P1

33. (Previously Presented) The method of claim 27, further comprising selectively introducing a surveying tool into the motor system to selectively measure the trajectory of the wellbore.

34. (Previously Presented) The method of claim 33, wherein the surveying tool selectively measures the trajectory of the wellbore while drilling with the first or second casing.

35. (Previously Presented) An drilling assembly for directing a path of a wellbore, comprising:

an outer casing having a deflecting member for deflecting a direction of the drilling assembly;

an inner casing having a motor system disposed therein, the inner casing disposed within the outer casing and operatively attached thereto; and

an earth removal member operatively connected to a lower end of the outer casing, wherein the earth removal member is rotatable by the motor system.

36. (Previously Presented) The apparatus of claim 35, wherein the deflecting member comprises an inclined wedge releasably attached to a lower portion of the cutting apparatus.

37. (Previously Presented) The apparatus of claim 35, wherein the deflecting member comprises an angled perforation through the lower portion of the casing string for receiving a fluid.

38. (Previously Presented) The apparatus of claim 37, wherein the deflecting member further comprises a bent portion in the casing string for deflecting the casing string preferentially in a direction.

39. (Previously Presented) The apparatus of claim 35, wherein the deflecting member comprises a second earth removal member larger in diameter than the first

PATENT

Atty. Dkt. No. WEAT/0344.P1

earth removal member disposed on a portion of the casing assembly above the first earth removal member.

40. (Previously Presented) The apparatus of claim 35, wherein the deflecting member further comprising a landing seat for securing a survey tool therein.

41. (Previously Presented) The apparatus of claim 35, wherein the earth removal member includes at least one nozzle extending therethrough, the at least one nozzle having an extended straight bore extending longitudinally therethrough.

42. (Previously Presented) The apparatus of claim 41, wherein the at least one nozzle is drillable.

43. (Previously Presented) The apparatus of claim 41, wherein the at least one nozzle comprises a soft material.

44. (Previously Presented) The apparatus of claim 43, wherein the soft material is copper.

45. (Previously Presented) The apparatus of claim 43, wherein the at least one nozzle comprises a thin coating of a hard material, the hard material having a hardness greater than a hardness of a soft material.

46. (Previously Presented) The apparatus of claim 45, wherein the hard material is ceramic.

47. (Previously Presented) The apparatus of claim 45, wherein the hard material is tungsten carbide.

48. (Previously Presented) The apparatus of claim 35, wherein the motor system is releasable from the inner casing and retrievable therefrom.

PATENT

Atty. Dkt. No. WEAT/0344.P1

49. (Previously Presented) The apparatus of claim 35, wherein the motor system comprises:

a motor operating system disposed in a motor system housing;

a shaft operatively connected to the motor operating system, the shaft having a passageway; and

a divert assembly disposed to direct fluid flow selectively to the motor operating system and the passageway in the shaft.

50. (Previously Presented) The apparatus of claim 49, further comprising a latch for releasably latching the motor system onto the inner casing.

51. (Previously Presented) The apparatus of claim 49, wherein the divert assembly comprises a closing sleeve having one or more ports, the closing sleeve disposed in the shaft.

52. (Previously Presented) The apparatus of claim 49, wherein the divert assembly comprises a rupture disk disposed to block fluid flow to the passageway in the shaft.

53. (Previously Presented) The apparatus of claim 49, wherein the motor operating system comprises a hydraulic system.

54. (Previously Presented) The apparatus of claim 49, wherein the motor operating system comprises a system selected from a turbine system and a stator system.

55. (Previously Presented) The apparatus of claim 49, wherein the earth removal member includes a drill face and a spindle connected to the shaft.

56. (Previously Presented) The apparatus of claim 55, wherein the earth removal member includes a fluid connection to the passageway in the shaft.

57. (Previously Presented) The apparatus of claim 56, wherein the earth removal member includes a shut off mechanism for stopping fluid flow through the fluid connection.

58. (Previously Presented) The apparatus of claim 49, further comprising a casing latch attached to the motor system housing, the casing latch adapted to releasably secure the motor system to an internal surface of the inner casing.

59. (Previously Presented) The apparatus of claim 58, wherein the casing latch includes a fluid passage connected to the passageway in the shaft.

60. (Previously Presented) The apparatus of claim 58, further comprising a guide assembly connected to the casing latch, the guide assembly having one or more seats for receiving a device selected from an inter string and an orientation device.

61. (Previously Presented) The apparatus of claim 49, wherein the motor system housing includes an enlargement portion for expanding a casing size.

62. (Currently Amended) A method of initiating and continuing a path of a wellbore, comprising:

providing a first casing having a first earth removal member operatively disposed at a lower end thereof;

penetrating a formation with the first casing to form the wellbore;

selectively altering a trajectory of the wellbore while penetrating the formation of with the first casing;

flowing drilling fluid to a motor system disposed in a second casing, the second casing being releasably attached to an inner diameter of the first casing and having a second earth removal member; and

PATENT

Atty. Dkt. No. WEAT/0344.P1

rotating the second earth removal member with the motor system.

63. (Previously Presented) The method of claim 62, wherein the trajectory of the second casing is altered more than the trajectory of the first casing.

64. (Currently Amended) A method of altering a path of a casing into a formation, comprising:

providing an outer casing with a deflector releasably attached to its lower end;

penetrating the formation with the deflector;

releasing the deflector from the outer casing ~~releasable attachment~~; and

deflecting the path of the outer casing in the formation by moving the casing string along the deflector.

65. (Previously Presented) The method of claim 64, further comprising releasing an inner casing from the outer casing.

66. (Previously Presented) The method of claim 65, further comprising flowing drilling fluid to a motor system disposed within the inner casing to rotate an earth removal member operatively attached to the motor system while altering a trajectory of the inner casing drilling into the formation.

67. (Previously Presented) The method of claim 1, wherein penetrating the first casing into the formation comprises jetting the first casing.

68. (Previously Presented) The method of claim 1, further comprising measuring a trajectory of the wellbore while drilling with the first or second casing.